

## THANK YOU FOR PURCHASING THE NAV ONE 2100 SYSTEM.

The following items should be in the package:

1. The NAV ONE system unit.
2. A mounting bracket with suction cup.
3. A 12-volt fused power cord.
4. A 120-Volt Adapter.
5. A foam cushion strip.
6. This Manual.
7. Product registration card. (Or register online at [www.cobra.com](http://www.cobra.com))

## ABOUT THE NAV ONE SYSTEM

Your unit is complete with a map of the entire United States and Canada as well as a database of millions of points of interest to help you navigate your vehicle.

Except for the **Power** and **Custom** function buttons, all the controls are available with a few touches of the screen.

However, do not rely entirely on the unit while driving and keep in mind the accompanying Important Information.

## MORE INFORMATION

These Operating Instructions combined with the intuitive nature of the controls should have you up and running quickly. For online support, visit [www.cobra.com](http://www.cobra.com).

## TRY IT OUT

Using the NAV ONE is the most effective way to learn about it. View the demonstration program by choosing:

Advanced Mode → Menu → Settings → Demo

Then don't hesitate to explore your own entries to see how they work.

There are provisions to delete entries and, if things get really tangled up, the factory defaults can be reset using the sequence:

Menu → Settings → System → Reset Factory Defaults

With the **SmartPower** feature turned on, a NAV ONE unit plugged into a power port that does not turn off with the ignition, will not drain the vehicle's battery. The factory setting is on.

**SmartPower** shuts the system down when there is a combination of no vehicle motion and no button press for 15 minutes.

With **SmartPower** off, the system continues to operate until it is turned off with the **Power** button (or with the ignition if the power port is connected to it).

## Important Information

Your safety is important. Please read all warnings and cautions before installing and using the Cobra NAV ONE system.

The user is responsible for operating this product wisely. This NAV ONE unit is intended for use only as a navigational aid and should not be relied upon to the exclusion of other information. Be aware of conditions around the vehicle and compare them to the information provided by the NAV ONE system.

### CAUTION

Observe the following precautions to avoid damage to the unit or personal inconvenience.

- This unit is not waterproof. Do not allow liquids to splash on it nor expose it to rain during operation or transfer from vehicle to vehicle.
- The Global Positioning System is provided and operated by the U.S. government, which is solely responsible for its accuracy and maintenance. That system is subject to changes, which could affect the accuracy and performance of this NAV ONE unit.
- The NAV ONE's map database provides information on suggested routes without regard to some factors that may affect the user's driving experience. For example, the system does not reflect all road detours, closures or construction, some road characteristics (such as road surface, slope or grade, weight or height restrictions, etc.), weather conditions and similar factors. Use personal judgment or the navigation system's detour function to develop an alternate route if necessary.

### WARNING

Avoid the following hazardous situations that could result in a collision causing severe injury or death.

- **DO NOT** substitute this NAV ONE for personal judgment. The route suggestions should never supersede any local traffic regulation, personal judgment or knowledge of safe driving practices. Before making any maneuvers suggested by the NAV ONE system (for example, a U-turn or a left turn), verify that the maneuver can be legally and safely completed. Do not follow route suggestions that would take the vehicle into an unsafe situation or locality.
- **DO NOT** program this NAV ONE while driving. Only a passenger should operate controls or program the unit while the vehicle is in motion. The driver should not program the system unless the vehicle is parked in a safe location.
- **DO NOT** depend on this NAV ONE system to locate emergency services (such as police, fire stations, hospitals and clinics). The database may not include all emergency service providers. Use judgment and ask for directions in these situations.
- **DO NOT** disassemble or modify the system. If a problem occurs, stop using the system immediately and contact Cobra.
- **DO NOT** be distracted by the NAV ONE. **DO** position the unit so it can be seen at a glance when safe to do so. **DO** listen to the voice guidance. **DO** set the volume so you can hear outside traffic and emergency services alerts.

## Installation

### INSTALLATION

The NAV ONE can be easily mounted to the vehicle's windshield with the included bracket and suction cup. Or, an alternative secure mounting can be used.



Put the unit where it is visible at a glance.



Let the antenna "see" the sky.

It is important that the NAV ONE antenna in the top of the unit can "see" the sky. Radio signals from the GPS satellites are weak and cannot penetrate solid portions of a vehicle's structure.

When the NAV ONE has been unused for several days, or has been moved more than 500 miles, it can take 15 minutes to acquire satellites. Leaving the unit on for 20 minutes in this case will allow faster acquisitions after that.

**IMPORTANT:** Check [www.cobra.com](http://www.cobra.com) for software updates.

### WARNING

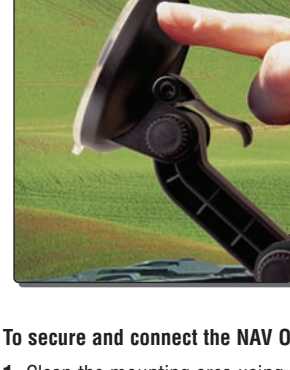
Observe the following measures to prevent a collision or other condition that could cause serious injury or death.

- **DO NOT** position the unit in a location that obstructs the driver's view of the road or vehicle instruments or controls.
- **DO NOT** mount the unit over airbag panels or within airbag expansion spaces. The force of an expanding airbag can thrust objects in its path toward the driver or passengers with injurious result.
- **DO NOT** drive the vehicle unless the unit is securely attached to the windshield with the supplied bracket and suction cup or is fastened by other reliable means to keep it from becoming a projectile hazard inside the vehicle in the event of a violent maneuver or collision.

### NOTE

Some states / provinces prohibit attachment of any articles to windshields or side or rear windows. Drivers in these areas should use the dash mounting disk or another secure mount.

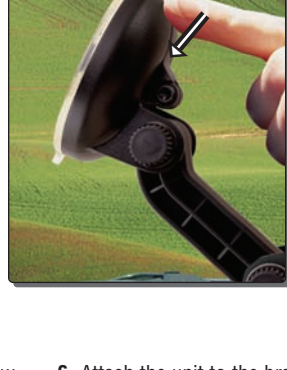
Users should determine if restrictions apply to jurisdictions where they drive.



To secure and connect the NAV ONE:

1. Clean the mounting area using window cleaner or rubbing alcohol.
2. Separate the mounting bracket from the unit.
3. Firmly press the suction cup against the windshield by applying pressure to the suction cup base.
4. Pull the lock lever back until it "clicks". Maintain firm pressure on the suction cup base and then push the lock lever down toward the base.
5. Test the suction cup adhesion by pulling firmly on the bracket. It should not wiggle.

### Installation



6. Attach the unit to the bracket by sliding the slot in the bottom of the unit over the bracket until the locking tab clicks.
7. Adjust the unit position using the knobs and tighten securely.
8. If the unit will rest on the dash or might contact it, apply the foam strip to the bottom of the unit to protect the dash.
9. Plug the power cord into the unit and the vehicle's 12-volt power port.



### To Remove Nav One:

Depress the locking tab and slide the unit toward you to temporarily remove the unit when the vehicle is parked to prevent theft or heat damage.

The bracket can be left attached to the windshield for quick reinstallation of the unit.

## Controls, Indicators and System Overview



### Power Button (on side of unit)

- Press to turn the unit off. Press and hold to turn it off.
- **SmartPower** default is on. See description on page 2.

### Menu Key (User Programmable Key)

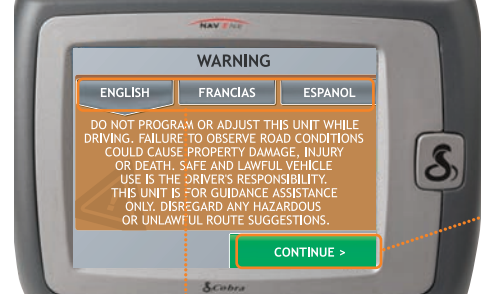
- Press to quickly bring up a frequently used function you have chosen. (Default function is "Menu.")
- Press and hold for 2 seconds to change from the chosen function to any other on the available list.

### Illuminated Touch Screen

- Touch the on-screen buttons and icons to activate unit functions.

## SYSTEM OVERVIEW

When the NAV ONE is turned on, an opening message and a safety warning are shown.



### LANGUAGE CHOICES

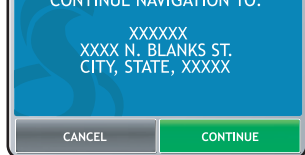
At this display, the user has the opportunity to change the language from English to French or Spanish.

### NAVIGATION WAS IN PROGRESS

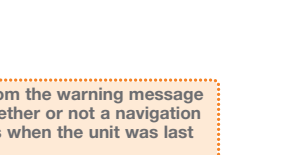
Continuation from the warning message depends on whether or not a navigation was in progress when the unit was last.

### NAVIGATION WAS NOT IN PROGRESS

Menu can be pressed at any time to select a destination and switch to the Navigation mode.



### System in Navigation Mode



### System in View Mode

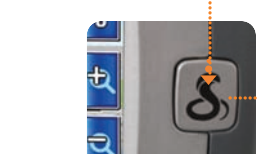
## Controls, Indicators and System Overview

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## Menu Access

### MENU

**Menu** is the starting point for all system features. Just touch the on-screen buttons to progress from step to step. To access "Menu", press the Menu Key to the right of the screen. (Note: User Programmable Key may be customized at a later date as described under "Controls" above.)

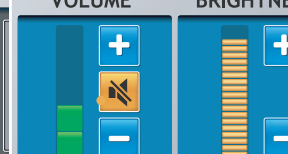
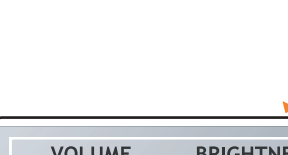
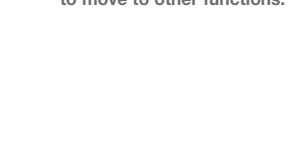


### BASIC

Either the Basic or the Advanced menu will appear. You can choose between them with the Mode Button at the top right of the Main Menu. The factory default setting is Basic menu.

### ADVANCED

The **Advanced** menu provides all the tools available on the NAV ONE. The **Destination Address** menu is shown. Press the buttons on the bottom of the touch screen to move to other functions.



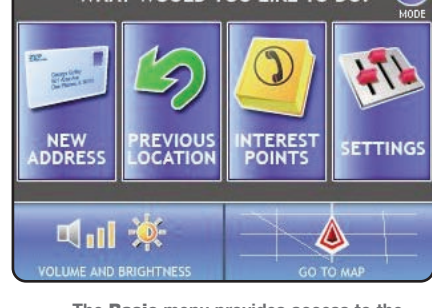
Speaker volume and display brightness are adjusted using the + and - buttons on the touch screen. The button between the + and - Volume buttons toggles the system between mute and un-mute without affecting the volume setting.

### ADDRESS BOOK

**ADDRESS BOOK** allows entry and storage of addresses:

- **View Entries** lets you see the entries you've made and quickly choose from them.
- **Add to Book** lets you enter addresses using an on-screen keyboard.
- **Trails** lets you record a trail – to retrace your steps or repeat the trip.
- **Save Current Location** quickly adds the current location to the address book.

### Menu



The **Basic** menu provides access to the most frequently used tools.

### WARNING

**DO NOT** program this NAV ONE while driving. Only a passenger should operate controls or program the unit while the vehicle is in motion. The driver should not program the system unless the vehicle is parked in a safe location.

### SYSTEM

**SYSTEM** provides four utilities:

- **Settings** allows you to customize the NAV ONE to your preferences:
  - **System** adjusts settings including time zone and key click sounds.
  - **Navigate** lets you control how the system will calculate your route, such as whether or not to use freeways or make U-turns.
  - **Map** lets you set your preferred appearance of the map including vehicle icon, map direction and view angle.
- **Demo** provides an interactive demonstration of the NAV ONE and all its features.
- **Help** gives tips on using features of the NAV ONE.
- **System Information** provides information about the system software version and similar items.

### FIND INTEREST POINTS

**FIND INTEREST POINTS** allows choice of a destination from millions of interest points in the NAV ONE database. Telephone numbers are included with addresses. Points can be found in any of four ways:

- **Name Search** lets you spell out the name of a place using an on-screen keyboard.
- **Category Search** lets you choose categories, such as lodging, to quickly narrow your search.
- **Favorite Brands** lets you select a specific brand of interest points to save as a favorite.
- **City Name** allows you to route to a city by name, without entering a specific address.

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